

DWG #	DRAWING TITLE
T-1	TITLE SHEET
T-2	INDEX OF DRAWINGS
E-1	LEGEND/SPECIFICATION, CIRCUIT LEGEND, TERMINATION LEGEND AND GENERAL NOTES
E-2	SPEAKER, STROBE & SMOKE DETECTOR MOUNTING DETAILS & WIRING DIAGRAM
E-3	FIRE ALARM DEVICE WIRING DIAGRAMS AND SHIELD/DRAIN INSULATION DETAIL
E-045-1	1 WTC 45th FLOOR RISER DIAGRAM
E-045-2	1 WTC 45th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-045-3	1 WTC 45th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-045-4	1 WTC 45th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-048-1	1 WTC 48th FLOOR RISER DIAGRAM
E-048-2	1 WTC 48th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-048-3	1 WTC 48th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-048-4	1 WTC 48th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-050-1	1 WTC 50th FLOOR RISER DIAGRAM
E-050-2	1 WTC 50th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-050-3	1 WTC 50th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-050-4	1 WTC 50th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-055-1	1 WTC 55th FLOOR RISER DIAGRAM
E-055-2	1 WTC 55th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-055-3	1 WTC 55th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-055-4	1 WTC 55th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-077-1	1 WTC 77th FLOOR RISER DIAGRAM
E-077-2	1 WTC 77th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-077-3	1 WTC 77th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-077-4	1 WTC 77th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-082-1	1 WTC 82nd FLOOR RISER DIAGRAM
E-082-2	1 WTC 82nd FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-082-3	1 WTC 82nd FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-082-4	1 WTC 82nd FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-083-1	1 WTC 83rd FLOOR RISER DIAGRAM
E-083-2	1 WTC 83rd FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-083-3	1 WTC 83rd FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-083-4	1 WTC 83rd FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-084-1	1 WTC 84th FLOOR RISER DIAGRAM
E-084-2	1 WTC 84th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-084-3	1 WTC 84th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-084-4	1 WTC 84th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-085-1	1 WTC 85th FLOOR RISER DIAGRAM
E-085-2	1 WTC 85th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-085-3	1 WTC 85th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-085-4	1 WTC 85th FLOOR STROBE INSTALLATION AND REMOVAL PLAN

DWG #	DRAWING TITLE
E-086-1	1 WTC 86th FLOOR RISER DIAGRAM
E-086-2	1 WTC 86th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-086-3	1 WTC 86th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-086-4	1 WTC 86th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-087-1	1 WTC 87th FLOOR RISER DIAGRAM
E-087-2	1 WTC 87th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-087-3	1 WTC 87th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-087-4	1 WTC 87th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-088-1	1 WTC 88th FLOOR RISER DIAGRAM
E-088-2	1 WTC 88th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-088-3	1 WTC 88th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-088-4	1 WTC 88th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-089-1	1 WTC 89th FLOOR RISER DIAGRAM
E-089-2	1 WTC 89th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-089-3	1 WTC 89th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-089-4	1 WTC 89th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-101-1	1 WTC 101st FLOOR RISER DIAGRAM
E-101-2	1 WTC 101st FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-101-3	1 WTC 101st FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-101-4	1 WTC 101st FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-103-1	1 WTC 103rd FLOOR RISER DIAGRAM
E-103-2	1 WTC 103rd FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-103-3	1 WTC 103rd FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-103-4	1 WTC 103rd FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-104-1	1 WTC 104th FLOOR RISER DIAGRAM
E-104-2	1 WTC 104th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-104-3	1 WTC 104th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-104-4	1 WTC 104th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
E-105-1	1 WTC 105th FLOOR RISER DIAGRAM
E-105-2	1 WTC 105th FLOOR SPEAKER INSTALLATION AND REMOVAL PLAN
E-105-3	1 WTC 105th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN
E-105-4	1 WTC 105th FLOOR STROBE INSTALLATION AND REMOVAL PLAN
M-1	RETURN AIR SMOKE DETECTORS ARRANGEMENTS, PART PLANS, ELEVATIONS AND NOTES
A-1	FIRE ALARM DEVICE REMOVAL AND PATCHING DETAILS

THE POWER AUTHORITY
(1977) (1977)

[Signature]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

1 8/23/99 AS-BID
No. Date Revision Approved

ENGINEERING DEPARTMENT
DESIGN DIVISION

WORLD
TRADE
CENTER

ELECTRICAL
Title

FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3

INDEX OF DRAWINGS

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDMAN R. DUKESHIRE A.S.
Designed by Drawn by Checked by

AUGUST 9, 1999
Date

WTC-881.176 T-2
Contract Number Drawing Number